

Emergency Management Competency 1.11

Competency 1.11 Emergency Management personnel shall demonstrate a working level knowledge of the relationships of emergency planning, preparedness, response, and post-incident activities.

1. Supporting Knowledge and Skills

- a. Discuss the relationships of emergency planning, preparedness, response, and post-incident activities.
- b. Define recovery and reentry, and describe the typical contents of recovery and reentry plans.
- c. Discuss the roles and responsibilities of the Departmental organizational elements in developing recovery and reentry plans.

2. Self-Study Activities (corresponding to the intent of the above competency)

Below are two web sites containing many of the references you may need.

Web Sites		
Organization	Site Location	Notes
Department of Energy	http://wastenot.inel.gov/cted/stdguido.html	DOE Standards, Guides, and Orders
U.S. House of Representatives	http://law.house.gov/cfr.htm	Searchable Code of Federal Regulations

Read DOE Order 5500.3A, *Planning and Preparedness for Operational Emergencies*.

EXERCISE 1.11-A List two activities associated with each of the following:

- Planning
- Preparedness
- Response
- Recovery

EXERCISE 1.11-B Describe how planning and preparedness activities can help to ensure a successful emergency response.

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EXERCISE 1.11-C Name the 13 elements required for an emergency management program in DOE.

Read the DOE Emergency Management Guide *Interim Guidance for Reentry and Recovery*.

EXERCISE 1.11-D Differentiate between reentry and recovery by the types of activities associated with each.

EXERCISE 1.11-E Differentiate between reentry and recovery with regard to the timing of the emergency event activities.

EXERCISE 1.11-F Of the contractor, field element, and Headquarters program office, which has primary responsibility for the development of recovery plans?

3. Summary

Emergency management activities are typically categorized as planning, preparedness, and response. A fourth category is recovery from an emergency event.

Planning includes the development and preparation of emergency plans and procedures and the identification of necessary personnel and resources to provide an effective response to an emergency event.

Preparedness includes the training of personnel; acquisition and maintenance of resources; and exercising of the plans, procedures, personnel, and resources essential for emergency response.

Response represents the implementation of planning and preparedness during an emergency and involves the effective decisions, actions, and application of resources that must be accomplished to mitigate consequences and recover from an emergency.

Although reentry and recovery are often spoken of as a single item, they are two separate but related activities, each with its own purpose and implementation concerns.

The DOE Emergency Management Guide defines reentry as “a planned activity to accomplish a specific objective(s) set by the emergency response organization, conducted prior to the termination of emergency response, which involves reentering a facility or affected area that has been evacuated or closed to personnel access during the course of an emergency.”

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DOE Order 5500.1B defines recovery as those actions taken after a facility has been brought to a stable or shutdown condition to return the facility to normal. The recovery phase of emergency management continues from the time an operational emergency is declared terminated until the facility and any affected areas meet predetermined criteria for the resumption of normal operation or use.

4. Exercise Solutions

EXERCISE 1.11-A List two activities associated with each of the following:

- Planning
- Preparedness
- Response
- Recovery

ANSWER 1.11-A Any two activities from the following are acceptable:

Activities associated with planning are

- (1) conducting a facility hazards assessment
- (2) determining the facility emergency planning zones
- (3) assessing facility/site response capabilities

Activities associated with preparedness are

- (1) assigning responsibilities and authorities
- (2) acquiring and maintaining resources
- (3) performing drills and exercises

Activities associated with response are, among others

- (1) categorization and notification
- (2) consequences assessment and protective actions
- (3) public information

Activities associated with recovery are

- (1) evaluation of damages
- (2) development of a recovery plan
- (3) consequence assessment and environmental monitoring

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EXERCISE 1.11-B Describe how planning and preparedness activities can help to ensure a successful emergency response.

ANSWER 1.11-B Planning includes development and preparation of plans and procedures to ensure an effective emergency response. Preparedness activities ensure that plans and procedures are adequate and valid, equipment and facilities are available for emergency response, and personnel are trained to effectively implement the plans and procedures when responding to an emergency to protect workers, the public, and the environment.

EXERCISE 1.11-C Name the 13 elements required for an emergency management program in the DOE.

ANSWER 1.11-C The 13 elements of an emergency management program include the following:

- Emergency response organization
- Off-site response interfaces
- Operational emergency event classes
- Notifications
- Consequence assessment
- Protective actions
- Medical support
- Recovery and reentry
- Public information
- Emergency facilities and equipment
- Training
- Drills and exercises
- Program administration

EXERCISE 1.11-D Differentiate between reentry and recovery by the types of activities associated with each.

ANSWER 1.11-D Reentry activities include such things as search and rescue, mitigation, and damage control and assessment; recovery activities include damage assessment, environmental consequence assessment, long-term protective action determinations, facility/environmental restoration, and dissemination of information.

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EXERCISE 1.11-E Differentiate between reentry and recovery with regard to the timing of the emergency event activities.

ANSWER 1.11-E Reentry activities are “time urgent” and may actually occur during the response phase of an emergency event; recovery activities are usually longer-term activities that occur after the response phase of an emergency has been terminated.

EXERCISE 1.11-F Of the contractor, field element, and Headquarters program office, which has primary responsibility for development of recovery plans?

ANSWER 1.11-F The contractor has primary responsibility for the development of the recovery plan, with concurrence from the field element.